

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(5C1212)	Hex(5C1B1B)	Hex(5C2424)	Hex(5C2E2E)	Hex(5C3737)	Hex(5C4040)	Hex(5C4949)	Hex(5C5252)	Hex(5C5C5C)	Hex(5C6565)
Hex(5C1212)		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(5C1B1B)	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(5C2424)	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(5C2E2E)	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(5C3737)	Ratio: 1.33 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(5C4040)	Ratio: 1.46 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(5C4949)	Ratio: 1.62 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(5C5252)	Ratio: 1.80 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(5C5C5C)	Ratio: 2.03 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(5C6565)	Ratio: 2.26 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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